10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GRM3 / MGLUR3 Antibody (N-Terminus)

Rabbit Polyclonal Antibody

Catalog # ALS10202

Specification

GRM3 / MGLUR3 Antibody (N-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q14832
Reactivity	**Human, Mouse, Hamster, Monkey, Pig, Horse, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**99kDa KDa**

GRM3 / MGLUR3 Antibody (N-Terminus) - Additional Information

Gene ID 2913

Other Names
Metabotropic glutamate receptor 3, mGluR3, GRM3, GPRC1C, MGLUR3

Target/Specificity
Human GRM3 / MGLUR3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
GRM3 / MGLUR3 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GRM3 / MGLUR3 Antibody (N-Terminus) - Protein Information

Name GRM3

Synonyms GPRC1C, MGLUR3

Function
G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling inhibits adenylate cyclase activity.

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location
Detected in brain cortex, thalamus, subthalamic nucleus, substantia nigra, hypothalamus,

hippocampus, corpus callosum, caudate nucleus and amygdala.

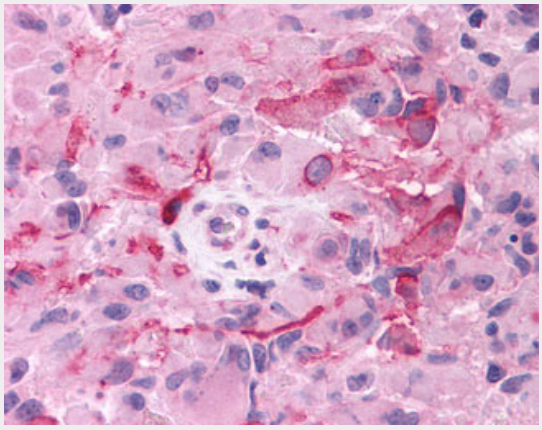
Volume
50 µl

GRM3 / MGLUR3 Antibody (N-Terminus) - Protocols

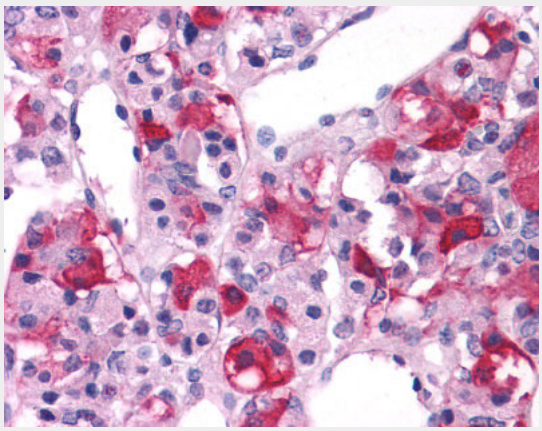
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GRM3 / MGLUR3 Antibody (N-Terminus) - Images



Anti-GRM3 / MGLUR3 antibody IHC of human Brain, Glioblastoma.



Anti-GRM3 / MGLUR3 antibody ALS10202 IHC of human brain, pituitary.

GRM3 / MGLUR3 Antibody (N-Terminus) - Background

G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that

triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling inhibits adenylate cyclase activity.

GRM3 / MGLUR3 Antibody (N-Terminus) - References

Makoff A.,et al.Brain Res. Mol. Brain Res. 40:55-63(1996).
Sartorius L.J.,et al.J. Neurochem. 96:1139-1148(2006).
Hillier L.W.,et al.Nature 424:157-164(2003).